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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/063,357
Date Submitted: May 1, 2002		Filing Date	April 15, 2002
(use as many sheets as necessary)		First Named Inventor	Yu WANG et al.
Sheet 1 of 3		Group Art Unit	2882
		Examiner Name	Unassigned
		Attorney Docket Number	040849/0187

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
ACH	A1	5,474,072		Shmulewitz	12/12/1995	
ACH	A2	5,983,123		Shmulewitz	11/9/1999	
ACH	A3	5,630,426		Eggers et al.	5/20/1997	
ACH	A4	5,479,927		Shmulewitz	1/2/1996	
ACH	A5	5,938,613		Shmulewitz	8/17/1999	
ACH	A6	5,851,180		Crosby et al.	12/22/1998	
ACH	A7	5,840,022		Richter	11/24/1998	
ACH	A8	5,776,062		Nields	7/7/1998	
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Examiner Signature	Allen C. Ho	Date Considered	16 July 2004
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		
ACH	A29	A. THOMAS STAVROS et al.: "Solid Breast Nodules: Use of Sonography to Distinguish between Benign and Malignant Lesions," Radiology, July 1995, pages 123-134, Volume 196, Number 1, Englewood, CO		
ACH	A30	THOMAS M. KOLB et al.: "Occult Cancer in Women with Dense Breasts: Detection with Screening US-Diagnostic Yield and Tumor Characteristics," Radiology, April 1998, pages 191-199, Volume 207, Number 1		
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	A32	NICO KARSSEMEIJER: "Computer-Aided Detection and Interpretation in Mammography," pages 243-252		
ACH	A33	NICO KARSSEMEIJER et al.: "Detection of Stellate Distortions in Mammograms," IEEE Transactions on Medical Imaging, October 1996, pages 611-619, Vol. 15, No. 5, IEEE		
ACH	A34	IOANNA CHRISTOYIANNI et al.: "Fast Detection of Masses in Computer-Aided Mammography," IEEE Signal Processing Magazine, January 2000, pages 54-64		
ACH	A35	CELIA BYRNE et al.: "Mammographic Features and Breast Cancer Risk: Effects with Time, Age, and Menopause Status," Journal of the National Cancer Institute, November 1, 1995, pages 1622-1629, Vol. 87, No. 21		
	A36	MILAN SONKA et al.: "Computer-Aided Diagnosis in Mammography," Handbook of Medical Imaging - Volume 2. Medical Image Processing and Analysis, pages 915-958, Spie Press, Bellingham, Washington		
ACH	A37	MATTHEW A. KUPINSKI et al.: "Feature Selection and Classifiers for the Computerized Detection of Mass Lesions in Digital Mammography," IEEE Int. Conf. On Neural Nets, 1997, pages 2460-2463, IEEE		
ACH	A38	SHUK-MEI LAI et al.: "On Techniques for Detecting Circumscribed Masses in Mammograms," IEEE Transactions on Medical Imaging, December 1989, pages 377-386, Vol. 8, No. 4, IEEE		
ACH	A39	MARIOS A. GAVRIELIDES et al.: "Segmentation of Suspicious Clustered Microcalcifications in Mammograms," Med. Phys., January 2000, pages 13-22, Vol. 27, No.1, Am. Assoc. Phys. Med.		
ACH	A40	WEI ZHANG et al.: "Optimally Weighted Wavelet Transform Based on Supervised Training for Detection of Microcalcifications in Digital Mammograms," Med. Phys. June 1998, pages 949-956, Vol. 25, No. 6, Am. Assoc. Phys. Med.		
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ACH	A42	ZHIMIN HUO et al.: "Computerized Analysis of Mammographic Parenchymal Patterns for Breast Cancer Risk Assessment: Feature Selection," Med. Phys., January 2000, pages 4-12, Vol. 27, No. 1, Am. Assoc. Phys. Med.		

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ACH	A43	DATONG WEI et al.: "Classification of Mass and Normal Breast Tissue on Digital Mammograms: Multiresolution Texture Analysis," Med. Phys. September 1995, pages 1501-1513, Vol. 22, No. 9, Am. Assoc. Phys. Med.	
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ACH	A45	WOUTER J. H. VELDKAMP et al.: "Normalization of Local Contrast in Mammograms," IEEE Transaction on Medical Imaging, July 2000, pages 731-738, Vol. 19, No. 7, IEEE	
ACH	A46	WEI QIAN et al.: "Tree Structured Wavelet Transform Segmentation of Microcalcifications in Digital Mammography," Med. Phys., August 1995, pages 1247-1254, Vol. 22, No. 8, Am. Assoc. Phys. Med.	
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	A48	DUDA et al.: "Pattern Classification," 2001, pages 161-199	
ACH	A49	LAURA M. YARUSSO et al.: "Application of Computer-Aided Diagnosis to Full-Field Digital Mammography," IWDM 2000, 5 th International Workshop on Digital Mammography, pages 421-246, Medical Physics Publishing, Madison, Wisconsin	
ACH	A50	LIHUA LI et al.: "Hybrid Classification Method for False-Positive Reduction in CAD for Mass Detection," IWDM 2000, 5 th International Workshop on Digital Mammography, pages 272-279, Medical Physics Publishing, Madison, Wisconsin	
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ACH	A54	M. LANYI: "Diagnosis and Differential Diagnosis of Microcalcifications," Ductal Carcinomas of Varying Histologic Types, pages 44, 60, 61, 86, 95, 98-101, 110, 118-120, and 192, 1987, Springer-Verlag	
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